
APPENDIX Q

LINEAR REGRESSION RESULTS, WALKABLE BUFFER RESULTS

Table Q1. Linear Regression Results: Transit Share.....	Q-1
Table Q2. Linear Regression Results: Walk Share	Q-2
Table Q3. Linear Regression Results: Bike Share	Q-3

Table Q1. Linear Regression Results: Transit Share
(Dependent Variable = Transit Share)

Variable	Parameter Estimate	t statistic
Intercept	0.099	13.48
Household Related Attributes		
Household within a Station Area (within 1/2 mile of rail/ferry)	0.027	6.12
Population Density Near Household	0.001	8.83
San Francisco Residents	0.081	15.16
Number of children in Household under 5	-0.013	-7.28
Number of children in Household between 6 and 15	-0.009	-7.08
Number of children in Household between 16 and 21	-0.004	-1.61
Number of Retired Household Members	-0.002	-0.78
Number of Workers in the Household	-0.003	-2.04
Number of Vehicles per Driver	-0.052	-20.32
Income Level	-0.004	-2.00
Person Related Attributes		
Males	0.007	3.51
Individuals with a Drivers' License	-0.031	-8.16
Workers	0.040	11.75
Students	-0.002	-0.73
Hispanic/Latinos	0.003	0.78
Black/African Americans	0.061	10.36
Asian/Pacific Islanders	0.017	4.90
Other Race/Ethnicity	0.010	2.11
Renters	0.012	4.57

F value = 148.52

R-Square = 0.0918

Adjusted R-Square = 0.0912

Source: Bay Area Travel Survey 2000

Table Q2. Linear Regression Results: Walk Share
(Dependent Variable = Walk Share)

Variable	Parameter Estimate	t statistic
Intercept	0.198	23.02
Household Related Attributes		
Household within a Station Area (within 1/2 mile of rail/ferry)	0.034	6.47
Population Density Near Household	0.003	15.38
San Francisco Residents	0.038	6.10
Number of children in Household under 5	-0.014	-6.77
Number of children in Household between 6 and 15	-0.001	-0.72
Number of children in Household between 16 and 21	-0.005	-1.89
Number of Retired Household Members	-0.007	-2.35
Number of Workers in the Household	-0.004	-2.34
Number of Vehicles per Driver	-0.040	-13.59
Income Level	-0.010	-4.78
Person Related Attributes		
Males	0.001	0.45
Individuals with a Drivers' License	-0.065	-14.43
Workers	-0.024	-6.18
Students	-0.002	-0.61
Hispanic/Latinos	-0.008	-1.76
Black/African Americans	-0.005	-0.71
Asian/Pacific Islanders	-0.017	-4.15
Other Race/Ethnicity	0.010	1.86
Renters	0.023	7.69

F value = 130.73

R-Square = 0.0817

Adjusted R-Square = 0.0810

Source: Bay Area Travel Survey 2000

Table Q3. Linear Regression Results: Bike Share*(Dependent Variable = Bike Share)*

Variable	Parameter Estimate	t statistic
Intercept	0.028	6.89
Household Related Attributes		
Household within a Station Area (within 1/2 mile of rail/ferry)	0.005	1.88
Population Density Near Household	0.000	2.64
San Francisco Residents	-0.003	-1.15
Number of children in Household under 5	-0.006	-6.06
Number of children in Household between 6 and 15	0.001	0.97
Number of children in Household between 16 and 21	-0.001	-1.01
Number of Retired Household Members	-0.004	-3.06
Number of Workers in the Household	0.000	0.56
Number of Vehicles per Driver	-0.010	-7.14
Income Level	-0.002	-2.32
Person Related Attributes		
Males	0.012	11.10
Individuals with a Drivers' License	-0.008	-3.59
Workers	0.000	0.18
Students	0.003	2.10
Hispanic/Latinos	-0.008	-3.58
Black/African Americans	-0.011	-3.38
Asian/Pacific Islanders	-0.004	-2.20
Other Race/Ethnicity	0.002	0.73
Renters	0.005	3.87

F value = 19.90

R-Square = 0.0134

Adjusted R-Square = 0.0127

Source: Bay Area Travel Survey 2000